

ABSTRACT OF THE DISCLOSURE

A process for making a glass matrix containing an active substance or component by charging a carrier molecule with one or more active substances or components and executing a sol/gel process the presence of the charged carrier molecule to form a gel matrix containing the active substances or components. Films, coverings, layers, and/or coatings composed of porous sol/gel glass matrices based on polysilicic acids, silicates, borates, and/or aluminates, the matrix incorporating carrier molecules charged with one or more active substances and/or components. Porous glass matrices based on silicates, polysilicic acids, borates, and/or aluminates, having incorporated therein carrier molecules charged with at least one active substance and/or component.